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Rhonda Etienne
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January 2, 2002

Date

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Serial No: 09/932,291
Confirmation No.: 4770
Filed: August 17, 2001
Applicant: Gary L. Cantrell et al.
Title: **MULTICOMPONENT ASSEMBLIES HAVING ENHANCED
BINDING PROPERTIES FOR DIAGNOSIS AND THERAPY**
Art Unit: 1646
Examiner: Unknown
Atty Dock: MRD-53

Cincinnati, Ohio 45202

January 2, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of candor and good faith which is imposed by Rule 56 (37 C.F.R. §1.56), the art listed on the attached form PTO-1449 is called to the attention of the U.S. Patent and Trademark Office in connection with the above-identified patent application. Copies of the

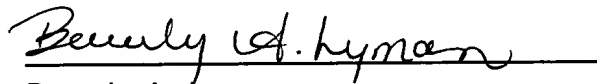
cited references are attached hereto. No representation is made that the cited art is the only art or that the cited art represents the best art.

The Examiner is urged to consider the cited references and to make an independent decision with respect to their materiality.

No fees are believed to be due. However, if any additional fees are necessary to complete this communication, please apply them to Deposit Account 23-3000.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

A handwritten signature in cursive script, reading "Beverly A. Lyman", is written over a horizontal line.

Beverly A. Lyman

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ATTY. DOCKET NO.
MRD/53

SERIAL NO.
09/932,291

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
Cantrell, Gary L. et
al.

(37 CFR 1.98(b)) (Use several sheets if necessary)

FILING DATE
August 17, 2001

GROUP
1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A	5 5 1 0 1 1 8	04/1996	Bosch et al.	424	489	RECEIVED JAN 16 2002 TECHNICAL CENTER 1600/2900
	A.B	5 5 4 3 1 3 3	08/1996	Swanson et al.	424	9.45	
	A.C	5 5 5 2 1 3 3	09/1996	Lambert et al.	424	9.52	
	A.D	5 7 3 3 5 7 2	03/1998	Unger et al.	424	450	
	A.E	5 7 7 0 2 2 2	06/1998	Unger et al.	424	450	
	A.F	6 0 0 1 3 3 5	12/1999	Unger	424	9.52	
	A.G						
	A.H						
	A.I						
	A.J						
	A.K						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L						
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	✓ Bischoff, Joyce, <u>Perspectives Series: Cell Adhesion in Vascular Biology</u> , Journal of Clinical Investigation, Vol. 99, No. 3, February 1997, pp. 373-376, 3 pages
	A.S	✓ Fukuda et al., <u>A Peptide Mimic of E-Selectin Ligand Inhibits Sialyl Lewis X-dependent Lung Colonization of Tumor Cells</u> , Cancer Research, Vol. 60, January 15, 2000, pp. 450-456, 6 pages
	A.T	✓ Kiessling et al., Chapter 29, <u>Principles for Multivalent Ligand Design</u> , Annual Reports in Medical Chemistry, Vol. 35, 2000, pp. 321-330, 12 pages

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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

✓ B.R	Lesley et al., <u>CD44 in inflammation and metastasis</u> , Glycoconjugate Journal, Vol. 14, 1997, pp. 611-622, 12 pages
✓ B.S	Martens et al., <u>Peptides Which Bind to E-selectin and Block Neutrophil Adhesion</u> , The Journal of Biological Chemistry, Vol. 270, No. 36, September 8, 1995, pp. 21129-21136, 8 pages
✓ B.T	McEver et al., <u>Leukocyte Trafficking Mediated by Selectin-Carbohydrate Interactions</u> , The Journal of Biological Chemistry, Vol. 270, No. 19, May 12, 1995, pp. 11025-11028, 4 pages

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✓	C.R	McEver, Rodger P., <u>Selectin-carbohydrate interactions during inflammation and metastasis</u> , Glycoconjugate Journal, Vol. 14, 1997, pp. 585-591, 7 pages					
✓	C.S	Siegelman et al., <u>Activation and interaction of CD44 and hyaluronan in immunological systems</u> , Journal of Leukocyte Biology, Vol. 66, August 1999, pp. 315-321, 7 pages					
✓	C.T	Torchilin et al., <u>Preservation of Antimyosin Antibody Activity After Covalent Coupling To Liposomes</u> , Biochemical and Biophysical Research Communications, Vol. 89, No. 4, August 28, 1979, pp. 1114-1119, 6 pages					

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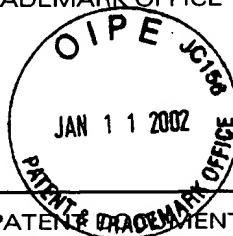
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	D.A						
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	D.O						
	D.P						
	D.Q						

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D.R	Zalipsky et al., <u>Peptide Attachment to Extremities of Liposomal Surface Grafted PEG Chains: Preparation of the Long-Circulating Form of Laminin Pentapeptide, YIGSR</u> , Bioconjugate Chemistry, Vol. 6, 1995, pp. 705-708, 4 pages
D.S	Zinn et al., <u>Specific Targeting of Activated Endothelium in Rat Adjuvant Arthritis with A 99mTc-Radiolabeled E-Selectin-Binding Peptide</u> , Arthritis & Rheumatism, Vol. 42, No. 4, April 1999, pp. 641-649, 9 pages
D.T	

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